

**Monsanto Technology Tours**

**Monsanto offers two tour options in St. Louis:**

* Our Biotechnology Tour in Chesterfield (BIO)
* The Breeding& Agronomics Technology tour Creve Coeur (BAT)

Combining a visit to both facilities will give you the best picture of the innovative work being done in modern agricultural research. However, each tour is complete in itself, and both showcase Monsanto’s commitment to developing new seeds and services to help farmers grow the food that will be needed as the world population increases.

Your visit at both locations starts with a short presentation and discussion about your groups interests. Then you will proceed on a walking tour through the research facilities. During that tour, you will see, hear and touch the technology we have developed to bring new products to our farmer customers.

**Breeding & Agronomics Technology Tour – Creve Coeur (BAT)**

Plant breeding still depends on many techniques discovered centuries ago. These tried-and-true practices are combined with the knowledge and skills learned through modern science to develop seeds that offer the best yields for specific growing conditions.

**Tour Highlights – What You Will See and Experience**

* **Seed Chippers – d**emonstrate how breeders, using technology invented by Monsanto, identify the DNA in each seed, and select only those with the desired traits before test trials are planted.
* **Acceleron™ seed treatment system** – combines the most appropriate seed treatment and the best seed formulation to protect plant health during the critical stage of seed emergence.
* **Vistive**®**™ Oil** – is a healthy soybean oil that is now being used by leading food companies to eliminate trans fat in cooking. Vistive® Gold, will provide low saturated fats as well as zero trans fats and is similar to olive oil but more stable. We are also developing a soybean oil that provides an alternative source beside fish for omega-3, an essential fatty acid.
* **New agronomic practices** – takes the guess-work out of farming by applying new technology to agronomic practices, such as optimizing seed density and variety selection across fields in different geographical locations.
* **Roundup®** – used by farmers for more than 30 years, continues to be studied to find new ways to increase the effectiveness of the world’s leading herbicide. You will see how it differs from generic competitors. The goal of our continuing research is to increase the value farmers receive and reduce the use of herbicides on the farm.

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**Biotechnology Tour – Chesterfield (BIO)**

For over two decades plants delivering biotech benefits have given farmers new ways to solve old problems. Since 1998, we have introduced 12 new seed traits, and more will be coming in the future. Our family of Genuity™ traits is designed to help farmers increase yields through herbicide tolerance, insect protection, weather protection and increased productivity.

**Tour Highlights – What You Will See and Experience**

* **Gene discovery** – How we work with nature to find the right gene to produce the desired benefit
* **Gene insertion** – How we place the gene into the DNA of the plant
* **Tissue culture** – How plants are grown from a single cell
* **Greenhouse** – How tissue culture plants become commercial products through breeding
* **Growth chambers** – A variety of simulated climates that can replicate any growing condition on the planet
* **Greenhouse Test plants** – Featuring special traits such as drought tolerance, insect protection and weed resistance